

*Project 2011*

11 Sept 56

1. We see two ways to approach the problem:

a. The demand circuit and its associated video and audio amplifiers are powered by an external 15 volt power pack as previously envisaged. The alternate manual operation is powered by  $\frac{1}{2}$  the standard minifon battery in its receptacle.

b. The complete power pack for the entire system is packaged in the minifon box. If this alternative is chosen we must know what type of cell (Le Clanche, Mercury or Silver Cell) is desired and also what standby time is required in order to set the size *Ne* for the minifon package.

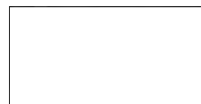
2. An investigation of the industry's offerings in small light bulbs indicates that a 60 ma current drain is the least that can be obtained. It is felt that this is an excessive current drain to add to the 100 ma. drain of the minifon motor. It is proposed that the charge indication meter of the minifon (which goes on and off with the motor battery) be used as a recording indicator. Current drain of ~~this~~ this meter is about 6 ma. ?

3. It is our understanding that the minifon box should be so constructed that it ~~can~~ can be used for manually operated recording with an auxiliary signal. Is this correct? If desired two input connectors can be mounted on the minifon box to accommodate both the demand circuit and the auxiliary ~~signals~~ signals. — *No! one at a time*

5. In planning the mechanical design of the minifon box we must know to what extent we are restricted in disassembly of the minifon unit.

*cut all the way - include motor battery  
manual switch will not be on box.*

|            |    |      |         |        |
|------------|----|------|---------|--------|
| DEC        | 1  | REV  | 4-12-80 | 008632 |
| ORIG COMP  |    |      |         |        |
| ORIG CLASS | 5  | 2    |         |        |
| JUST       | 22 | 2010 |         |        |



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12 Sept *acs*

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Minifon modification

SECRET

## Office Memorandum • UNITED STATES GOVERNMENT

TO : Chief, [ ]/EAG

SP/EA 6-112  
DATE: 28 August 195625X1  
|

FROM : Chief, ELINT Activities Branch, OC-SP

SUBJECT: Request to Transfer Five Minifon Transports

1. As you know, the lab has made for us five complete video and automatic start systems. I have just talked to [ ] who cleared with [ ] the following:

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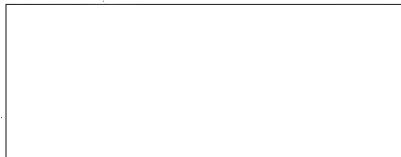
- \* <sup>Six</sup>
- A. The lab would fabricate ~~five~~ <sup>six</sup> boxes suitable for mounting minifon wire transports and batteries.
- B. The box would have suitable terminals for audio "in" and terminals for controlling the drive motor.

~~A C The box would have a miniature lamp to alert the operator when the transport was running.~~

2. Would you please contact [ ] and transfer to him five Minifon P-35 transports for modification. I have attached a sketch to aid in your discussion with [ ]. It is our understanding that they are between jobs at the lab; therefore, they can undertake this right away.

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Attachment  
As stated above

Distribution  
Orig & 1 w/att - Addressee

\* the sixth to be used with the demand receiver retained by Lab.  
A Requirement eliminated by minifon discussion ncp. (12 Sept. 1956). ncp.

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